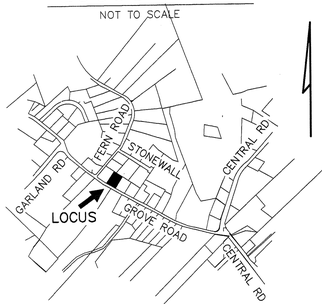
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC
313 DEERFIELD

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL BASE TREE EL 53.12

#2 SET NAIL BASE BIRCH EL 50.06

#3 SET NAIL CATALPA EL 48.79

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.0
2. THERE IS/ARE APPROX 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

SUITABLE REPLACEMENT AREA:

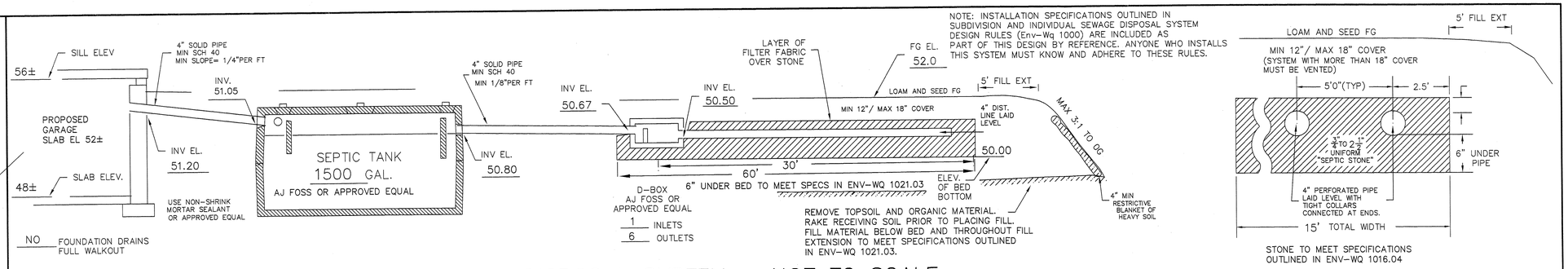
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 — EXISTING CONTOUR
(50) — PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

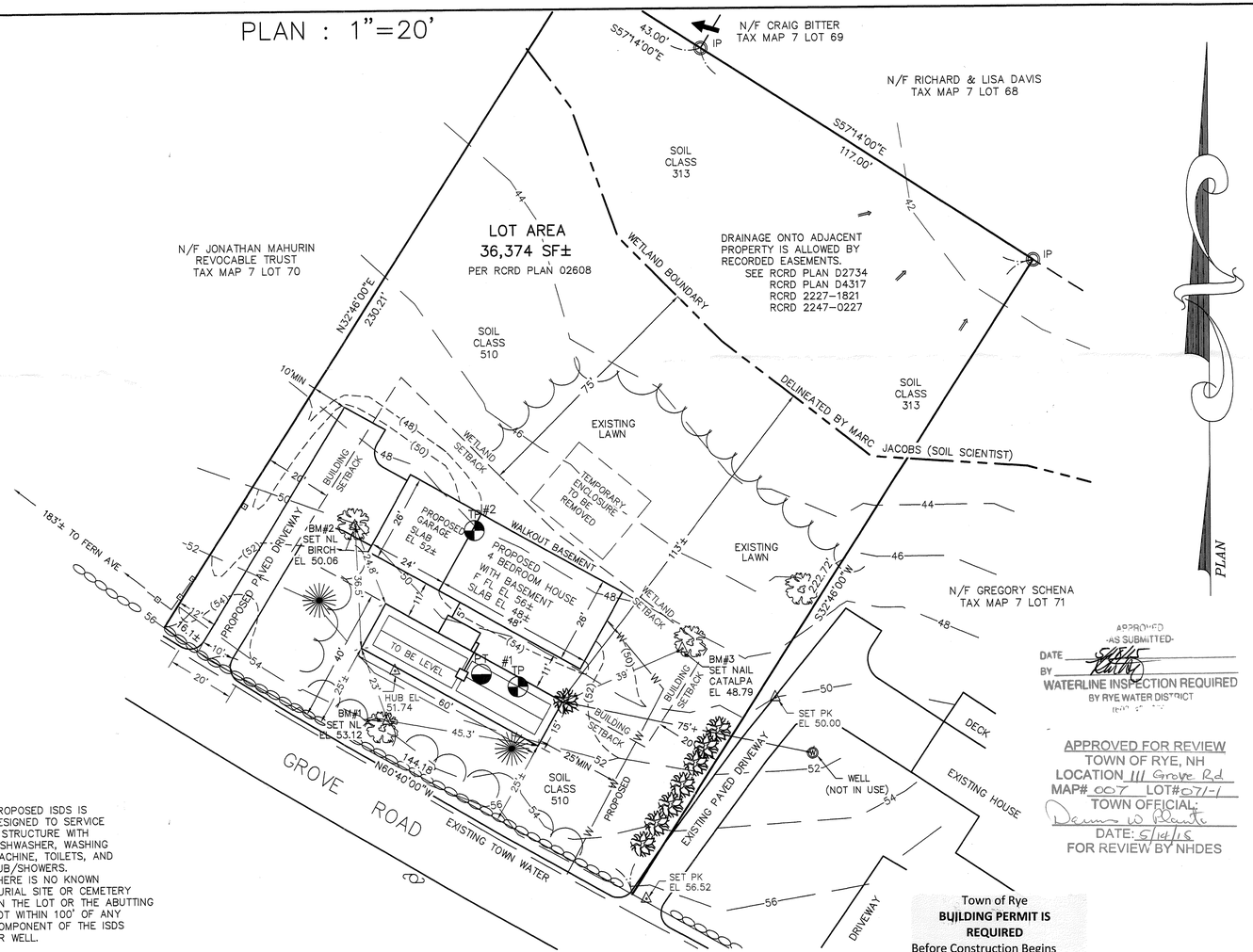
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN 02608
2. NHDES-WS&PCD SUBDIVISION APPROVAL N/A
   LOT OF RECORD PRE 1967
   REF RCRD PLAN 02608 (1956)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF PROPOSED SYSTEM
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 75'
   d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929-7404)
   INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. SUBJECT PROPERTY IS NOT LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD ZONE.
7. LOT LOADING CALCULATIONS:
   0.61 AC SOIL 510 (GRP 1) A/B SLOPE = 2000 GPD/AC
   0.61 X 2000 = 1220 GPD
   0.22 AC HYD B (GRP5) A/B SLOPE = 667 GPD/AC
   0.22 X 667 = 147 GPD
   1220 + 147 = 1367 GPD TOTAL ALLOWED LOADING
   4 BEDROOM HOUSE FOR 600 GPD PROPOSED LOADING



NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env-Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS.
THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

APPROVED
-AS SUBMITTED-
DATE 5/14/15
BY
WATERLINE INSPECTION REQUIRED
BY RYE WATER DISTRICT

APPROVED FOR REVIEW
TOWN OF RYE, NH
LOCATION 111 Grove Rd
MAP# 007 LOT# 071-1
TOWN OFFICIAL:
DATE: 5/14/15
FOR REVIEW BY NHDES

Town of Rye
BUILDING PERMIT IS REQUIRED
Before Construction Begins

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: DECEMBER 12, 2014

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 50.8

0 –12" 10YR3/4 TO 3/6 FINE SANDY LOAM, GRANULAR FRIABLE
12–30" 10YR5/6 GRAVELLY LOAMY SAND, GRANULAR FRIABLE
30–96" 10YR4/4 TO4/6 GRAVELLY SLIGHTLY LOAMY COARSE SAND, FRIABLE TO LOOSE

ESHWT @ 74" (MOIST BELOW), NO OBSERVED WATER, NO REFUSAL, ROOTS TO 3'+

TEST PIT #2 EL 48.0

0 –12" 10YR3/4 TO 3/6 FINE SANDY LOAM, GRANULAR FRIABLE
12–30" 10YR5/6 SLIGHTLY LOAMY FINE SAND, GRANULAR FRIABLE
30–68" 2.5Y5/4 SLIGHTLY LOAMY FINE SAND, GRANULAR FRIABLE (MOTTLES @ 62")
68–88" 2.5Y5/4 SILTY FINE SANDY LOAM, BLOCKY FIRM, RESTRICTIVE (HEAVY MOTTLES)

ESHWT @ 62"(MOTTLES) , NO REFUSAL, NO OBSERVED WATER ROOTS TO 3'+

PT PERC TEST DATA

DESIGN PERC RATE: 5 MIN/IN

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 863 SF REQUIRED

AREA PROPOSED: 15' X 60' = 900 SF PROVIDED

PROPOSED
SEPTIC SYSTEM PLAN

LOCUS: GROVE ROAD
RYE, NH
TAX MAP 7 LOT 71-1

OWNER: GREGORY S. SCHENA
111 GROVE ROAD
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Blaiobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: MAY 5, 2015

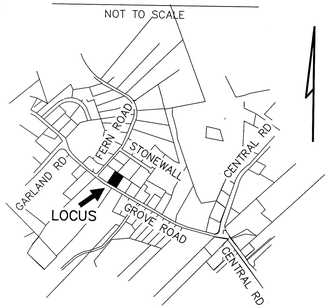
APPROVAL:

705

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 5/19/2015
#eCA2015051909

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC
313 DEERFIELD

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL BASE TREE EL 53.12

#2 SET NAIL BASE BIRCH EL 50.06

#3 SET NAIL CATALPA EL 48.79

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.0
2. THERE IS/ARE APPROX. 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

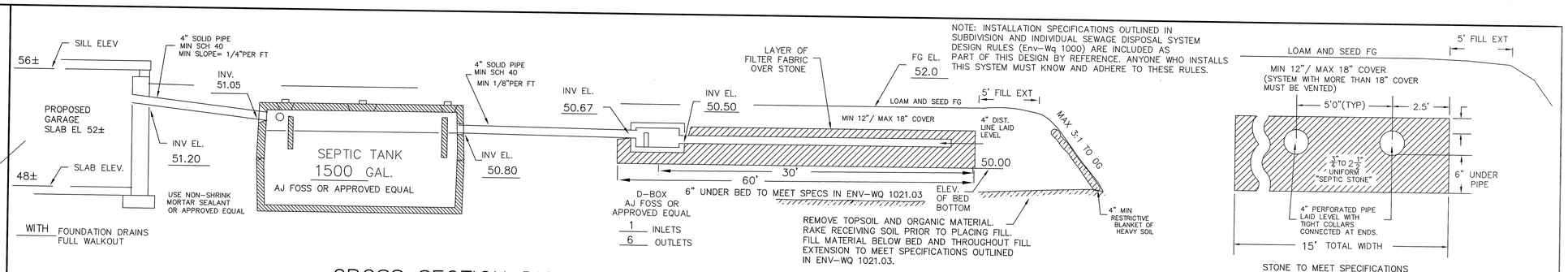
- 50 — EXISTING CONTOUR
- (50) — PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN 02608
2. NHDES–WS&PCD SUBDIVISION APPROVAL N/A
   LOT OF RECORD PRE 1967
   REF RCRD PLAN 02608 (1956)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF PROPOSED SYSTEM
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 75'
   d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
   INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. SUBJECT PROPERTY IS NOT LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD ZONE.
7. LOT LOADING CALCULATIONS:
   0.61 AC SOIL 510 (GRP 1) A/B SLOPE = 2000 GPD/AC
   0.61 X 2000 = 1220 GPD
   0.22 AC HYD B (GRP5) A/B SLOPE = 667 GPD/AC
   0.22 X 667 = 147 GPD
   1220 + 147 = 1367 GPD TOTAL ALLOWED LOADING
   4 BEDROOM HOUSE FOR 600 GPD PROPOSED LOADING

PLOT PLAN

1"=APPROX



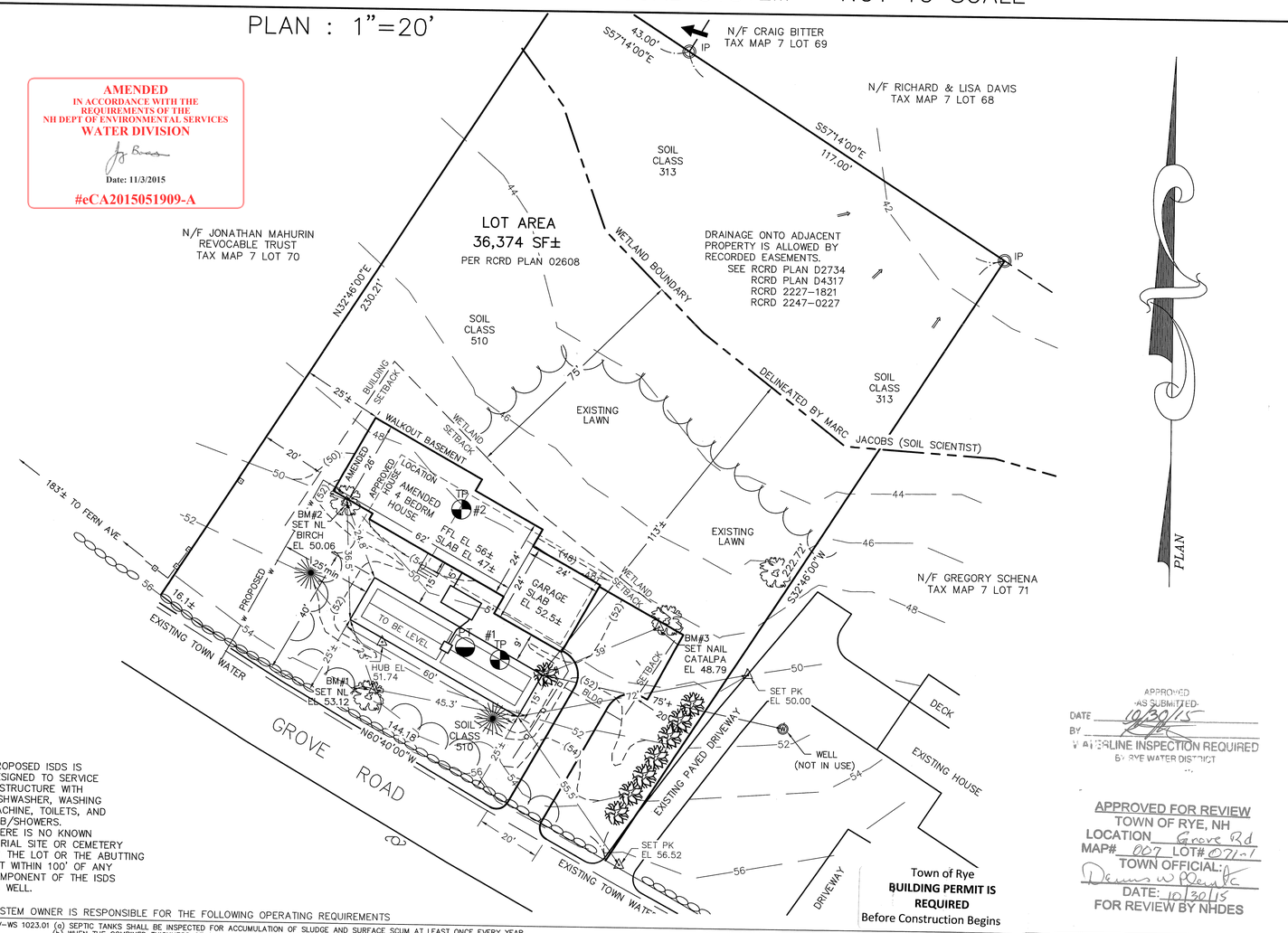
NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.

STONE TO MEET SPECIFICATIONS OUTLINED IN ENV–WQ 1016.04

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'

AMENDED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 11/3/2015
#eCA2015051909-A



PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS.
THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

Town of Rye
BUILDING PERMIT IS REQUIRED
Before Construction Begins

APPROVED AS SUBMITTED
DATE 10/30/15
BY
WATERLINE INSPECTION REQUIRED BY RYE WATER DISTRICT

APPROVED FOR REVIEW
TOWN OF RYE, NH
LOCATION Grove Rd
MAP# 007 LOT# 071-1
TOWN OFFICIAL: Dennis W Plante
DATE: 10/30/15
FOR REVIEW BY NHDES

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: DECEMBER 12, 2014

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 50.8

0 –12" 10YR3/4 TO 3/6 FINE SANDY LOAM, GRANULAR FRIABLE
12–30" 10YR5/6 GRAVELLY LOAMY SAND, GRANULAR FRIABLE
30–96" 10YR4/4 T04/6 GRAVELLY SLIGHTLY LOAMY COARSE SAND, FRIABLE TO LOOSE

ESHWT @ 74" (MOIST BELOW), NO OBSERVED WATER, NO REFUSAL, ROOTS TO 3'+

TEST PIT #2 EL 48.0

0 –12" 10YR3/4 TO 3/6 FINE SANDY LOAM, GRANULAR FRIABLE
12–30" 10YR5/6 SLIGHTLY LOAMY FINE SAND, GRANULAR FRIABLE
30–68" 2.5Y5/4 SLIGHTLY LOAMY FINE SAND, GRANULAR FRIABLE (MOTTLES @ 62")
68–88" 2.5Y5/4 SILTY FINE SANDY LOAM, BLOCKY FIRM, RESTRICTIVE (HEAVY MOTTLES)

ESHWT @ 62"(MOTTLES) , NO REFUSAL, NO OBSERVED WATER ROOTS TO 3'+

PT PERC TEST DATA

DESIGN PERC RATE: 5 MIN/IN

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 863 SF REQUIRED

AREA PROPOSED: 15' X 60' = 900 SF PROVIDED

AMENDED

SEPTIC SYSTEM PLAN

LOCUS: GROVE ROAD
RYE, NH
TAX MAP 7 LOT 71–1

OWNER: GREGORY S. SCHENA
111 GROVE ROAD
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

APPROVED 05/19/2015
CA2015051909
AMENDED 10/26/2015
DWELLING,TANK, DRIVEWAY, WATER LINE

705A